

— ABLYBIO, Help Your Research



# Collagen X/COL10A1 Rabbit pAb

货号: **AYP11500**

## 产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Homo sapiens , Mus musculus , Gallus gallus <b>IHC:</b> Rattus norvegicus , Mus musculus <b>WB IHC:</b> Mus musculus
应用	WB IHC
推荐浓度	<b>WB:</b> 1:100 - 1:500 <b>IHC:</b> 1:50 - 1:200
理论分子量	66kDa
实测分子量	66KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Rat lung
细胞定位	Secreted,extracellular matrix,extracellular space
纯化	Affinity purification

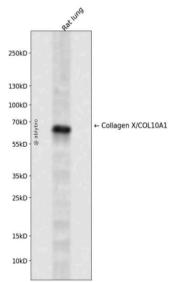
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 521-680 of human Collagen X/COL10A1 (NP_000484.2).
------	--

## 靶点信息

研究背景	This gene encodes the alpha chain of type X collagen, a short chain collagen expressed by hypertrophic chondrocytes during endochondral ossification. Unlike type VIII collagen, the other short chain collagen, type X collagen is a homotrimer. Mutations in this gene are associated with Schmid type metaphyseal chondrodysplasia (SMCD) and Japanese type spondylometaphyseal dysplasia (SMD).
基因ID	1300
基因名	COL10A1
Swiss	Q03692 ( <a href="https://www.uniprot.org/uniprotkb/Q03692/entry">https://www.uniprot.org/uniprotkb/Q03692/entry</a> )
别名	COL10A1,collagen alpha-1(X) chain,Collagen X/COL10A1 Rabbit pAb

## 产品验证



Western blot analysis of Collagen X/COL10A1 expressed in Rat lung using Collagen X/COL10A1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn) (<https://www.ablybio.cn/www.ablybio.cn>)